

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 62210   | NEWTON OR HANDHELD OR HAND()HELD OR NOTEBOOK? OR LAPTOP? OR<br>NODE()PCU OR PALMPILOT OR PALM() (PILOT? OR TOP OR TOPS) OR O-<br>RGANIZER? OR INFORMATION()TERMINAL? OR POCKET()PC |
| S2  | 408466  | MOBILE() (TELECOMMUNICATION? OR DEVICE? OR COMPUTER?) OR CE-<br>LLPHONE? OR CELL()PHONE? OR WIRELESS OR WIRE()LESS OR RADIO? -<br>OR CELLULAR? OR (CALL OR PHONE)()DEVICE?         |
| S3  | 1056681 | MONITOR? OR TRACK? OR IDENTIF? OR TRACK OR WATCH? OR RECOG-<br>NIZE?   |
| S4  | 201794  | CALLS OR REQUEST? OR ASK OR ASKS OR ASKING OR QUERY OR QUE-<br>RIES  |
| S5  | 3042137 | PERFORM? OR FUNCTION? OR INSTRUCT? OR COMMAND? OR EXECUT?  |
| S6  | 342546  | CODE OR CODES OR CODING  |
| S7  | 152861  | TEMPORAR? OR INTERIM OR SHORT()TERM  |
| S8  | 4108100 | PREVENT? OR AVERT? OR FORESTALL? OR STOP???? PROHIBIT? OR -<br>(STAVE OR WARD)()OFF OR INHIBIT? OR IMPED? OR SUPPRESS? OR RE-<br>FUS? OR REJECT? OR BLOCK?                         |
| S9  | 687956  | ACTIVITY OR ACTION?  |
| S10 | 27780   | (MALICIOUS OR SUSPICIOUS)() (CODE OR ENTRY) OR VIRUS PREVEN-<br>TION OR WORM OR TROJAN()HORSE  |
| S11 | 461734  | S1 OR S2   |
| S12 | 245     | S11 AND S10  |
| S13 | 6       | S12 AND S3 AND S4  |
| S14 | 2056    | S3 AND S4 AND S5 AND S6  |
| S15 | 1588    | S7 AND S8 AND S9   |
| S16 | 343     | S11 AND S14  |
| S17 | 0       | S16 AND S15  |
| S18 | 1       | S14 AND S15  |
| S19 | 2       | S14 AND S10  |
| S20 | 2       | S15 AND S10  |
| S21 | 0       | S16 AND S10  |
| S22 | 11      | S13 OR S18 OR S19 OR S20   |
| S23 | 0       | S12 AND S15  |
| S24 | 76      | S11 AND S15  |
| S25 | 0       | S12 AND S7 AND S8  |
| S26 | 63      | S12 AND S8   |
| S27 | 0       | S24 AND S26  |
| S28 | 146     | S22 OR S24 OR S26  |
| S29 | 13      | S28 AND IC=(G06F? OR H04L?)  |

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200423

(c) 2004 Thomson Derwent

29/5/9 (Item 9 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014395885 \*\*Image available\*\*  
WPI Acc No: 2002-216588/200227  
XRPX Acc No: N02-166060

**Remote subscriber information accessing system for telecommuting and mobile computing, has application gateway server to verify subscriber credentials before passing subscriber information to navigation module**

Patent Assignee: WIRELESS KNOWLEDGE (WIRE-N)

Inventor: HERBINAUX L; INNESS-BROWN L; LINDSEY T D; MARTYN J; SALO R;  
SHELTON B K; VAN HAMERSVELD C

Number of Countries: 095 Number of Patents: 002

Patent Family:

| Patent No    | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|--------------|------|----------|----------------|------|----------|----------|
| WO 200176190 | A2   | 20011011 | WO 2001US10900 | A    | 20010403 | 200227 B |
| AU 200149833 | A    | 20011015 | AU 200149833   | A    | 20010403 | 200227   |

Priority Applications (No Type Date): US 2000541173 A 20000403

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|              |    |   |    |             |  |
|--------------|----|---|----|-------------|--|
| WO 200176190 | A2 | E | 38 | H04L-029/06 |  |
|--------------|----|---|----|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

|              |   |  |  |             |                              |
|--------------|---|--|--|-------------|------------------------------|
| AU 200149833 | A |  |  | H04L-029/06 | Based on patent WO 200176190 |
|--------------|---|--|--|-------------|------------------------------|

Abstract (Basic): WO 200176190 A2

NOVELTY - An application gateway server (19) has a navigation module to access device specific information on reception of URL format data, a session module to maintain **temporary** data associated with subscriber, a rendering module to obtain the requisite browser data based on desired **action** and current state, a data source module to pass subscriber information to navigation module, after verifying subscriber credentials by authentication module.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Subscriber information accessing method;
- (b) Application gateway server

USE - For allowing remote end users to rapidly and securely access information from variety of subscriber devices in **wireless** communication, telecommuting and mobile computing.

ADVANTAGE - Enables more efficient communication when communicating over a slow network such as the internet.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of the remote subscriber information accessing system.

Application gateway server (19)

pp; 38 DwgNo 1/10

Title Terms: REMOTE; SUBSCRIBER; INFORMATION; ACCESS; SYSTEM; MOBILE;  
COMPUTATION; APPLY; GATEWAY; SERVE; VERIFICATION; SUBSCRIBER; PASS;  
SUBSCRIBER; INFORMATION; NAVIGATION; MODULE

Derwent Class: W01

International Patent Class. (Main): H04L-029/06

File Segment: EPI

29/5/10 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014373793 \*\*Image available\*\*  
WPI Acc No: 2002-194496/200225  
XRPX Acc No: N02-147672

**Battery capacity display method for notebook computer involves using existing light emitting diodes for disk drives during switch over from power management function to battery capacity display function**

Patent Assignee: INVENTEC CORP (INVE-N)

Inventor: LIU M; LO S

Number of Countries: 003 Number of Patents: 004

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week   |   |
|---------------|------|----------|---------------|------|----------|--------|---|
| US 6275162    | B1   | 20010814 | US 2000695384 | A    | 20001025 | 200225 | B |
| GB 2367368    | A    | 20020403 | GB 200023812  | A    | 20000928 | 200231 | N |
| GB 2367368    | B    | 20020911 | GB 200023812  | A    | 20000928 | 200268 | N |
| KR 2003006290 | A    | 20030123 | KR 200141999  | A    | 20010712 | 200343 | N |

Priority Applications (No Type Date): US 2000695384 A 20001025; GB 200023812 A 20000928; KR 200141999 A 20010712

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| US 6275162    | B1   |     | 9  | G08B-021/00 |              |
| GB 2367368    | A    |     |    | G01R-013/40 |              |
| GB 2367368    | B    |     |    | G01R-013/40 |              |
| KR 2003006290 | A    |     |    | G06F-001/00 |              |

Abstract (Basic): US 6275162 B1

NOVELTY - A lid switch (90) switches over the power management function to battery capacity display function, when battery capacity message is transmitted to keyboard controller unit (10). A logic unit (40) temporarily stops the action signals of HDD (70) and FDD (80). The different battery capacities are displayed in different ways using LED module (30) for HDD and FDD.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for device of displaying the battery capacity using LEDs.

USE - For displaying battery capacity using light emitting diodes of notebook computer.

ADVANTAGE - Since the existing LEDs for disk drives are used for displaying the battery capacity, the additional LEDs and lid switch are eliminated and the user is let to know the battery capacity without taking battery outside during off state or suspension state of computer. Hence the additional cost and operator work are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of circuit of battery capacity display method.

Keyboard controller unit (10)  
LED module (30)  
Logic unit (40)  
HDD (70)  
FDD (80)  
Lid switch (90)  
pp; 9 DwgNo 1/5

Title Terms: BATTERY; CAPACITY; DISPLAY; METHOD; COMPUTER; EXIST; LIGHT; EMIT; DIODE; DISC; DRIVE; SWITCH; POWER; MANAGEMENT; FUNCTION; BATTERY; CAPACITY; DISPLAY; FUNCTION

Derwent Class: S01; S02; T01; W05; X16

International Patent Class (Main): G01R-013/40; G06F-001/00 ; G08B-021/00

International Patent Class (Additional): G01F-001/00; G01R-031/36;

G06F-001/00

File Segment: EPI

29/5/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012671962 \*\*Image available\*\*

WPI Acc No: 1999-478069/199940

XRPX Acc No: N99-355833

**Modular motorized docking-undocking module assembly in docking station**

Patent Assignee: COMPAQ COMPUTER CORP (COPQ )

Inventor: PAULSEL J Q; RUCH M H; SAUNDERS S P; WEBB E R

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 5933321 | A    | 19990803 | US 96731402 | A    | 19961018 | 199940 B |

Priority Applications (No Type Date): US 96731402 A 19961018

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5933321 | A    | 36     | G06F-001/16 |              |

Abstract (Basic): US 5933321 A

NOVELTY - A docking control system energizes the motor (78) mounted on a module (62), rotates cammed worm gear (72) which is operatively linked to latching and ejection unit (68,70). The latching unit connects computer to docking station by mating the connectors and when computer is to be unlocked, signal is transmitted to control system requesting the release of latching unit.

USE - In docking station apparatus for docking portable computer such as notebook computer to peripheral devices such as keyboard, monitor, printer, mouse.

ADVANTAGE - Use of optical switches for docking purpose is eliminated. Mismatch between docking of connector-to-connector is eliminated.

DESCRIPTION OF DRAWING(S) - The figure shows an exploded view of motorized modular docking-undocking structure.

Module (62)

Ejection unit of module (68,70)

Cammed worm gear (72)

Motor (78)

pp; 36 DwgNo 4/19

Title Terms: MODULE; DOCK; UNDOCKING; MODULE; ASSEMBLE; DOCK; STATION

Derwent Class: T01; V04

International Patent Class (Main): G06F-001/16

International Patent Class (Additional): H05K-007/12

File Segment: EPI

29/5/13 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012383792 \*\*Image available\*\*

WPI Acc No: 1999-189899/199916

XRPX Acc No: N99-138929

**Electronic asset system used in on-line banking system**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: YACOBI Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 5878138 | A    | 19990302 | US 96600409 | A    | 19960212 | 199916 B |

Priority Applications (No Type Date): US 96600409 A 19960212

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5878138 | A    | 15     | H04K-001/00 |              |

Abstract (Basic): US 5878138 A

NOVELTY - Non-transferrable, tamper-resistant electronic assets are stored in electronic wallets. When the electronic assets are used, they are marked as exhausted sheets. A probabilistic fraud detection unit (42) samples subset of less than exhausted assets to detect bad assets used in fraudulent manner and identifies the electronic wallets that used bad assets.

DETAILED DESCRIPTION - The electronic wallets are the smart cards PC card or other IC card which are programmed to store electronic assets. The fraud detection unit (42) compiles list of identified

electronic wallets distributes this list to warn the identified electronic wallets that have been used in fraudulent manner. The electronic wallets are associated with particular users and are traceable to users. The electronic wallets are issued with **temporary** certificates that expire on the expiration date.

The electronic assets are used to represent cash, coins, tokens, entertainment tickets, government entitlement provisions. The electronic asset system is connected over private banking network connection such as over a private banking network connection or public network e.g. internet, telephone, cable TV or **wireless** network such as **cellular** phone, paging network, satellite.

INDEPENDENT CLAIMS are described for the following:

(a) a computer-implemented method for detecting fraudulent transactions;

(b) a computer readable memory

USE - For use in on-line banking system. Also for use in off-line devices such as beverage vending machine, toll booths.

ADVANTAGE - Is implemented both as anonymous and non- anonymous system. The non-transferrable assets are digitally signed by issuer and is dedicated to particular user thereby **prevents** malfunctioning. Facilitates carrying of electronic wallet. Facilitates derivation and storage of short hot lists on individual wallets. Uses fast and efficient fraud detection unit which requires less band width and has less sensitivity to delays, thereby **prevents** malfunctioning at early stage. Reduces connectivity and on-line requirements as well as transaction costs typically associated with full on-line verification system. The electronic wallet verifies certificate received from bank and authenticates signature on bank certificate to ensure that certificate is received from bank. Uses fraud detection system that sniffs out fraudulent **activity** with high probability and thus eliminates storage of exhausted coins and reduces processing cost. The electronic wallet is implemented as portable device with its display and keyboard as **handheld** computer, personal digital assistant or **laptop** computer.

DESCRIPTION OF DRAWING(S) - The figure depicts general diagrammatic representation of electronic asset system.

Fraud detection unit (42)

pp; 15 DwgNo 1/5

Title Terms: ELECTRONIC; SYSTEM; LINE; BANK; SYSTEM

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): H04K-001/00

International Patent Class (Additional): **G06F-007/04** ; G07D-007/00;

**H04L-009/00**

File Segment: EPI

| Set | Items   | Descript   |
|-----|---------|--|
| S1  | 62210   | NEWTON OR HANDHELD OR HAND()HELD OR NOTEBOOK? OR LAPTOP? OR<br>NODE()PCU OR PALMPILOT OR PALM() (PILOT? OR TOP OR TOPS) OR O-<br>RGANIZER? OR INFORMATION()TERMINAL? OR POCKET()PC |
| S2  | 408466  | MOBILE() (TELECOMMUNICATION? OR DEVICE? OR COMPUTER?) OR CE-<br>LLPHONE? OR CELL()PHONE? OR WIRELESS OR WIRE()LESS OR RADIO? -<br>OR CELLULAR? OR (CALL OR PHONE)()DEVICE?         |
| S3  | 1056681 | MONITOR? OR TRACK? OR IDENTIF? OR TRACK OR WATCH? OR RECOG-<br>NIZE?   |
| S4  | 201794  | CALLS OR REQUEST? OR ASK OR ASKS OR ASKING OR QUERY OR QUE-<br>RIES  |
| S5  | 3042137 | PERFORM? OR FUNCTION? OR INSTRUCT? OR COMMAND? OR EXECUT?  |
| S6  | 342546  | CODE OR CODES OR CODING  |
| S7  | 152861  | TEMPORAR? OR INTERIM OR SHORT()TERM  |
| S8  | 4108100 | PREVENT? OR AVERT? OR FORESTALL? OR STOP???? PROHIBIT? OR -<br>(STAVE OR WARD)()OFF OR INHIBIT? OR IMPED? OR SUPPRESS? OR RE-<br>FUS? OR REJECT? OR BLOCK?                         |
| S9  | 687956  | ACTIVITY OR ACTION?  |
| S10 | 27780   | (MALICIOUS OR SUSPICIOUS)() (CODE OR ENTRY) OR VIRUS PREVEN-<br>TION OR WORM OR TROJAN()HORSE  |
| S11 | 461734  | S1 OR S2   |
| S12 | 245     | S11 AND S10  |
| S13 | 6       | S12 AND S3 AND S4  |
| S14 | 2056    | S3 AND S4 AND S5 AND S6  |
| S15 | 1588    | S7 AND S8 AND S9   |
| S16 | 343     | S11 AND S14  |
| S17 | 0       | S16 AND S15  |
| S18 | 1       | S14 AND S15  |
| S19 | 2       | S14 AND S10  |
| S20 | 2       | S15 AND S10  |
| S21 | 0       | S16 AND S10  |
| S22 | 11      | S13 OR S18 OR S19 OR S20   |
| S23 | 0       | S12 AND S15  |
| S24 | 76      | S11 AND S15  |
| S25 | 0       | S12 AND S7 AND S8  |
| S26 | 63      | S12 AND S8   |
| S27 | 0       | S24 AND S26  |
| S28 | 146     | S22 OR S24 OR S26  |
| S29 | 13      | S28 AND IC=(G06F? OR H04L?)  |
| S30 | 0       | S12 AND S15  |
| S31 | 0       | S12 AND S7 AND S8  |
| S32 | 11708   | S11 AND S8 AND S9  |
| S33 | 1854    | S32 AND S6   |
| S34 | 55      | S33 AND S3 AND S4  |
| S35 | 1       | S34 AND IC=(G06F? OR H04L?)  |

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200423

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35/5/1 (Item 1 from File: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014141841 \*\*Image available\*\*  
WPI Acc No: 2001-626052/200172  
XRPX Acc No: N01-466719

**Secure user action request indicator in a mobile communication device with a dynamic display for showing inquiries originating externally from the communication device**

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO ); NOKIA CORP (OYNO );  
NOKIA INC (OYNO )

Inventor: INGET V; LUKKAROINEN M

Number of Countries: 094 Number of Patents: 007

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| WO 200169884  | A2   | 20010920 | WO 2001US4481 | A    | 20010212 | 200172 B |
| AU 200136927  | A    | 20010924 | AU 200136927  | A    | 20010212 | 200208   |
| EP 1264500    | A2   | 20021211 | EP 2001909142 | A    | 20010212 | 200301   |
|               |      |          | WO 2001US4481 | A    | 20010212 |          |
| KR 2003028455 | A    | 20030408 | KR 2002711911 | A    | 20020911 | 200353   |
| JP 2003527044 | W    | 20030909 | JP 2001567208 | A    | 20010212 | 200360   |
|               |      |          | WO 2001US4481 | A    | 20010212 |          |
| CN 1428061    | A    | 20030702 | CN 2001806542 | A    | 20010212 | 200361   |
| BR 200109132  | A    | 20031230 | BR 20019132   | A    | 20010212 | 200409   |
|               |      |          | WO 2001US4481 | A    | 20010212 |          |

Priority Applications (No Type Date): US 2000525806 A 20000315

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200169884 A2 E 12 H04L-029/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200136927 A H04L-029/00 Based on patent WO 200169884

EP 1264500 A2 E H04Q-007/38 Based on patent WO 200169884

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

KR 2003028455 A H04Q-007/38

JP 2003527044 W 13 H04Q-007/38 Based on patent WO 200169884

CN 1428061 A H04Q-007/38

BR 200109132 A H04L-029/00 Based on patent WO 200169884

Abstract (Basic): WO 200169884 A2

NOVELTY - A **mobile device** (1) includes a microprocessor control unit (2) that is accessed via a user interface (3), while a display (5) communicates information from the control unit to the user using the **requested** software and firmware to execute functions on the microprocessor. The display is divided into static and dynamic display zones (7,6) and inquiries originating externally from the device are **identified** and routed to the dynamic display, while internally generated inquiries are shown on the static display.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a system for indicating authenticity of inquiries for confidential **identification codes**.

USE - Indicating authenticity of inquiries for confidential **identification codes**.

ADVANTAGE - Detecting inquiries which may precipitate a security breach.

DESCRIPTION OF DRAWING(S) - The drawing is a **block** diagram of the communication system

**Mobile device** (1)

Control unit (2)

User interface (3)

Display (5)

Static and dynamic display zones (7,6)

pp; 12 DwgNo 1/3

Title Terms: SECURE; USER; **ACTION** ; **REQUEST** ; INDICATE; MOBILE;  
COMMUNICATE; DEVICE; DYNAMIC; DISPLAY; ENQUIRY; ORIGIN; EXTERNAL;  
COMMUNICATE; DEVICE

Derwent Class: W01; W02

International Patent Class (Main): **H04L-029/00** ; H04Q-007/38

International Patent Class (Additional): **G06F-003/00** ; H04M-001/66

File Segment: EPI

| Set  | Items                            | Descript   |
|------|----------------------------------|--|
| S1   | 99403                            | NEWTON OR HANDHELD OR HAND()HELD OR NOTEBOOK? OR LAPTOP? OR<br>NODE()PCU OR PALMPILOT OR PALM() (PILOT? OR TOP OR TOPS) OR O-<br>RGANIZER? OR INFORMATION()TERMINAL? OR POCKET()PC |
| S2   | 1365457                          | MOBILE() (TELECOMMUNICATION? OR DEVICE? OR COMPUTER?) OR CE-<br>LLPHONE? OR CELL()PHONE? OR WIRELESS OR WIRE()LESS OR RADIO? -<br>OR CELLULAR? OR (CALL OR PHONE)()DEVICE?         |
| S3   | 1986342                          | MONITOR? OR TRACK? OR IDENTIF? OR TRACK OR WATCH? OR RECOG-<br>NIZE?   |
| S4   | 270062                           | CALLS OR REQUEST? OR ASK OR ASKS OR ASKING OR QUERY OR QUE-<br>RIES  |
| S5   | 5696112                          | PERFORM? OR FUNCTION? OR INSTRUCT? OR COMMAND? OR EXECUT?  |
| S6   | 585413                           | CODE OR CODES OR CODING  |
| S7   | 150939                           | TEMPORAR? OR INTERIM OR SHORT()TERM  |
| S8   | 1689231                          | PREVENT? OR AVERT? OR FORESTALL? OR STOP???? PROHIBIT? OR -<br>(STAVE OR WARD)()OFF OR INHIBIT? OR IMPED? OR SUPPRESS? OR RE-<br>FUS? OR REJECT? OR BLOCK?                         |
| S9   | 1491336                          | ACTIVITY OR ACTION?  |
| S10  | 10051                            | (MALICIOUS OR SUSPICIOUS)() (CODE OR ENTRY) OR VIRUS PREVEN-<br>TION OR WORM OR TROJAN()HORSE  |
| S11  | 1452000                          | S1 OR S2   |
| S12  | 393                              | S11 AND S10  |
| S13  | 29991                            | S3 AND S4  |
| S14  | 1                                | S12 AND S13 AND S6   |
| S15  | 1                                | S12 AND S13 AND S5   |
| S16  | 2460                             | S7 AND S8 AND S9   |
| S17  | 6                                | S16 AND S13  |
| S18  | 328                              | S16 AND S11  |
| S19  | 0                                | S18 AND S12  |
| S20  | 0                                | S18 AND S10  |
| S21  | 0                                | S12 AND S16  |
| S22  | 8                                | S14 OR S15 OR S17  |
| S23  | 4                                | S22 NOT PY>2000  |
| S24  | 4                                | S23 NOT PD>20001127  |
| S25  | 4                                | RD (unique items)  |
| File | 8: Ei                            | Compendex(R) 1970-2004/Apr W1<br>(c) 2004 Elsevier Eng. Info. Inc.   |
| File | 35: Dissertation                 | Abs Online 1861-2004/Mar<br>(c) 2004 ProQuest Info&Learning  |
| File | 202: Info. Sci. & Tech.          | Abs. 1966-2004/Feb 27<br>(c) 2004 EBSCO Publishing   |
| File | 65: Inside                       | Conferences 1993-2004/Apr W2<br>(c) 2004 BLDSC all rts. reserv.  |
| File | 2: INSPEC                        | 1969-2004/Apr W1<br>(c) 2004 Institution of Electrical Engineers   |
| File | 233: Internet & Personal         | Comp. Abs. 1981-2003/Sep<br>(c) 2003 EBSCO Pub.  |
| File | 94: JICST-EPlus                  | 1985-2004/Mar W4<br>(c) 2004 Japan Science and Tech Corp(JST)  |
| File | 99: Wilson Appl. Sci & Tech      | Abs 1983-2004/Mar<br>(c) 2004 The HW Wilson Co.  |
| File | 95: TEME-Technology & Management | 1989-2004/Mar W4<br>(c) 2004 FIZ TECHNIK   |
| File | 583: Gale Group Globalbase(TM)   | 1986-2002/Dec 13<br>(c) 2002 The Gale Group  |

| Set  | Items                            | Description  |
|------|----------------------------------|--|
| S1   | 610835                           | NEWTON OR HANDHELD OR HAND()HELD OR NOTEBOOK? OR LAPTOP? OR<br>NODE()PCU OR PALMPILOT OR PALM() (PILOT? OR TOP OR TOPS) OR O-<br>RGANIZER? OR INFORMATION()TERMINAL? OR POCKET()PC |
| S2   | 1995892                          | MOBILE() (TELECOMMUNICATION? OR DEVICE? OR COMPUTER?) OR CE-<br>LLPHONE? OR CELL()PHONE? OR WIRELESS OR WIRE()LESS OR RADIO? -<br>OR CELLULAR? OR (CALL OR PHONE)()DEVICE?         |
| S3   | 4515984                          | MONITOR? OR TRACK? OR IDENTIF? OR TRACK OR WATCH? OR RECOG-<br>NIZE?   |
| S4   | 2786506                          | CALLS OR REQUEST? OR ASK OR ASKS OR ASKING OR QUERY OR QUE-<br>RIES  |
| S5   | 8316163                          | PERFORM? OR FUNCTION? OR INSTRUCT? OR COMMAND? OR EXECUT?  |
| S6   | 944130                           | CODE OR CODES OR CODING  |
| S7   | 1023761                          | TEMPORAR? OR INTERIM OR SHORT()TERM  |
| S8   | 2557466                          | PREVENT? OR AVERT? OR FORESTALL? OR STOP???? PROHIBIT? OR -<br>(STAVE OR WARD)()OFF OR INHIBIT? OR IMPED? OR SUPPRESS? OR RE-<br>FUS? OR REJECT? OR BLOCK?                         |
| S9   | 2366581                          | ACTIVITY OR ACTION?  |
| S10  | 32609                            | (MALICIOUS OR SUSPICIOUS)() (CODE OR ENTRY) OR VIRUS PREVEN-<br>TION OR WORM OR TROJAN()HORSE  |
| S11  | 2414717                          | S1 OR S2   |
| S12  | 1036                             | S11 (S) S10  |
| S13  | 34                               | S12 (S) S3 (S) S4  |
| S14  | 3239                             | S3 (S) S4 (S) S5 (S) S6  |
| S15  | 4923                             | S7 (S) S8 (S) S9   |
| S16  | 540                              | S11 (S) S14  |
| S17  | 17                               | S16 (S) S15  |
| S18  | 37                               | S14 (S) S15  |
| S19  | 71                               | S14 (S) S10  |
| S20  | 5                                | S12 (S) S15  |
| S21  | 400                              | S11 (S) S15  |
| S22  | 8                                | S12 (S) S7 (S) S8  |
| S23  | 178                              | S12 (S) S8   |
| S24  | 11                               | S16 (S) S10  |
| S25  | 5                                | S21 (S) S23  |
| S26  | 75                               | S13 OR S17 OR S18 OR S20 OR S22 OR S24 OR S25  |
| S27  | 50                               | S26 NOT PY>2000  |
| S28  | 36                               | S27 NOT PD>20001127  |
| S29  | 28                               | RD (unique items)  |
| File | 15:ABI/Inform(R)                 | 1971-2004/Apr 15<br>(c) 2004 ProQuest Info&Learning  |
| File | 810:Business Wire                | 1986-1999/Feb 28<br>(c) 1999 Business Wire   |
| File | 647:CMP Computer Fulltext        | 1988-2004/Apr W1<br>(c) 2004 CMP Media, LLC  |
| File | 275:Gale Group Computer DB(TM)   | 1983-2004/Apr 15<br>(c) 2004 The Gale Group  |
| File | 674:Computer News Fulltext       | 1989-2004/Apr W1<br>(c) 2004 IDG Communications  |
| File | 696:DIALOG Telecom. Newsletters  | 1995-2004/Apr 14<br>(c) 2004 The Dialog Corp.  |
| File | 624:McGraw-Hill Publications     | 1985-2004/Apr 14<br>(c) 2004 McGraw-Hill Co. Inc   |
| File | 636:Gale Group Newsletter DB(TM) | 1987-2004/Apr 15<br>(c) 2004 The Gale Group  |
| File | 813:PR Newswire                  | 1987-1999/Apr 30<br>(c) 1999 PR Newswire Association Inc   |
| File | 613:PR Newswire                  | 1999-2004/Apr 15<br>(c) 2004 PR Newswire Association Inc   |
| File | 16:Gale Group PROMT(R)           | 1990-2004/Apr 15<br>(c) 2004 The Gale Group  |
| File | 160:Gale Group PROMT(R)          | 1972-1989<br>(c) 1999 The Gale Group   |
| File | 553:Wilson Bus. Abs. FullText    | 1982-2004/Apr<br>(c) 2004 The HW Wilson Co   |

29/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2004 CMP Media, LLC. All rts. reserv.

01024322 CMP ACCESSION NUMBER: WIN19940101S4092

**Mass Appeal - Here's the lowdown on the latest storage options and some pointers on matching the media to your requirements.**

Noa Schoenfeld  
WINDOWS MAGAZINE, 1994, n 501 , 191  
PUBLICATION DATE: 940101  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Features

TEXT:

... home computers, such as the Commodore VIC-20, actually used audio cassettes.) Optical storage devices, such as **WORM** (write-once, read-many) and CD-ROM drives, use a laser to read and/or write on...

...head is magnetic as well. Solid -state technologies, such as PCMCIA memory cards, are emerging, mainly for **notebook**, palmtop and pen units. PCMCIA memory cards tend to support either static RAM or flash memory technology...to change its magnetic value. Vendors of magneto-optical disks include Pinnacle Micro, Relax Technology and Sony. **WORM** drives use a high-powered laser to melt holes in the optically reflective coating on the disk...

...power laser can then read the disk by noting differences in the intensity of the reflected light. **WORM** technology is expensive, but with a shelf life estimated at better than 20 years, it's designed for serious archival use. Phillips Consumer Electronics, Sony, Panasonic Communications and JVC Information Products offer **WORM** drives. CD-ROM has already become popular not for its storage capabilities, but for its easy transportability...

...True to its name, the jukebox spins discs toward and away from the head as they are **requested**. Jukebox access is somewhat slower than single-disc access, since the disc mechanism must swap the discs...

...of PCMCIA cards is that they offer hot-swappable storage on machines with limited resources, such as **notebooks**. These featherweight cards have storage capacities of up to 40MB and are rugged enough for on-the... is only as effective as the entity administering it. Automating such tasks as tape or disk swapping, **tracking** of active and dormant files, and data backup will eliminate the substantial risk of human error. For...

29/3,K/2 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02432110 SUPPLIER NUMBER: 65161567 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Gilat Two-way Satellite Beta Test. (Everything you need to know about getting and using broadband Internet access.) (Product Announcement)**

Finnie, Scot  
WinMag.com, NA  
August 23, 2000  
DOCUMENT TYPE: Product Announcement LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 3473 LINE COUNT: 00271

TEXT:

...connections. Toward the end of last week I got an e-mail message from Gilat-To-Home **asking** whether I wanted to take part in beta testing for the company's two-way satellite Internet...

...Home (G2H) is an Israeli-based company working in conjunction with Dish Networks (EchoStar), Microsoft MSN, and **Radio** Shack in the U.S. It's the

first large, organized competition in the U.S. for...

...testers) will be \$69.95 a month, with a three-year contract. What's more, the stated **performance** goal is modest at 150-kbps downstream and 100-kbps upstream. (No mention of latency times is...

...exit fees for this deal -- since I don't really need this service. Gilat has acknowledged my **request** to beta test the service as a reviewer, but so far I've heard nothing about whether...

...to happen. AT&T Digital BroadbandBet you didn't know AT&T was getting into the fixed **wireless** Internet access and voice business, did you? Well, BB Report reader Maranda Maier did. She sent us...

...packaging local, state, and long distance phone service, phone services including caller ID and three-way calling, **wireless** Internet service "up to 12 times as fast as" an analog modem, and home networking support for... Web page. Or call 1-877-288-3485 for more information. The Inside Story on Sprint's **Wireless** Service BB Report reader Norm Duncan wrote with information about the Sprint Broadband Direct service being tested in...

...Sprint Broadband Direct starts at \$39.95 per month for 1-Mbps/256-kbps, two-way fixed **wireless** service, which uses Earthlink as the ISP. Norm writes: "I have some information about this service, which..."

...Technologies press release dated July 27, 2000: Sprint is heavily investing in Hybrid's two-way fixed **wireless** technology and equipment, and expects to deploy this service to 22 markets (presumably in the U.S...

...to me: You might have the best firewall in the world, but if you're not actively **monitoring** for e-mail-borne worms, Trojan horses, and viruses, you're kidding yourself about being secure. If...offending attachment, and not offer the user the opportunity to "quarantine" or attempt to repair potentially dangerous **code**. In business computing circles, we have to adopt a **code** that says this: The sender of a virus is the one who is responsible for it, not...

...was detected in their message, and that the recipient didn't receive the attachment. 4. Most firewalls **monitor** for, or in some way protect against, inbound intrusions, but they don't all do an equal job in protecting for unwanted outbound transmissions of the type that **Trojan horse malicious code** might cause. Of course, the problem with protecting for unwanted outbound transmission is that it complicates the...

...technician arrived as planned. He spent about an hour here. For most of that time he **watched** rapid active pinging against my Flashcom gateway -- just as I have been doing with the LiveCon software. During 45 minutes of **watching**, we came across only one blip. A clear drop off that lasted only a few seconds. No...

...55 AM Covad has also noticed packet loss issues on my line, and it just scheduled what Flashcom **calls** a "co-op" line test ...sites have you checked out that you liked? It could be broadband content, broadband tips or news, **performance** testing, utilities, you name it. Drop me a line. Please include the URL to the site, and...

...Statement: Write me and tell me about something cool you downloaded. I know it's cool to **watch** how fast it comes down, and to compare just who has the fastest connection. But ... frankly, that...

29/3,K/3 (Item 2 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02227350 SUPPLIER NUMBER: 21207451 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fraud no longer a telecom secret. (Industry Trend or Event)**  
Romberg, Denise

Oct 13, 1998

ISSN: 0319-0161

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 892

LINE COUNT: 00076

... which used to be a secure technology, Karidis said. "But that's not the case anymore."

Another **cellular** scheme he **identified** as "very clever technically and hard to **track** " was achieved through exploiting the connection logistics between a **cellular** phone and the public services telephone network (PSTN). "There is a fraction of a second after the **cellular** call is terminated when the circuit actually remains open and the fraudsters would **worm** into that before the circuit was shut down." Fraudsters then would keep the circuit open and route **calls** onto that circuit using the same information and the same line until either the network shut it...

29/3,K/4 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

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088868

**Wares extraordinaire**

**Network World columnists and newsletter writers talk about category-breaking products and services.**

Byline: Staff

Journal: Network World Page Number: 83

Publication Date: November 13, 2000

Word Count: 3083 Line Count: 288

Text:

... our 2000 Category-breaker Award. On the management front - Fred McClimansDon't you just love when somebody **asks** you to name the best of something? It has a way of making me shiver for I...

... year - the InfoCare service from SilverBack Technologies (coincidentally, one of Network World's 10 start-ups to **watch** in 2000).What do I like about InfoCare? Well, what's not to like? SilverBack has combined...

... the health of your network infrastructure at any time. The InfoCare service consists of a few powerful **monitoring** and reporting tools installed within a user's site. These tools, sold on a yearly subscription basis, can **track** and easily display network and server **performance** status, network or IT failures or hot spots, security threats or the condition of any IP device...

... to which a customer site is linked via a secure connection. From this support center, SilverBack can **perform** outsourced management **functions**, such as service-level agreement (SLA) **monitoring**, internal IT trouble-ticket response (such as first-level tech support), software **monitoring** and upgrades, and data backup. In short, anything that you would normally do internally, SilverBack can arrange...

... doesn't need to make all the management tools, just help you use them better.You can **monitor** the process through a series of Web-based **monitoring** tools. These are significantly different from the bulky, overbuilt, Sovietesque management tools favored for onsite deployment by...

... enables the cards to run out of the box with almost any new voice-capable client, including **notebooks**, telephones and **cell phones**. When the user presses the Comdot button, the card emits an encrypted, high-frequency, sound-based digital **identifier** that, at short range, authenticates the user to the PC (or voice-capable client) and network applications...

... the card - and something you know, such as a password. Smart cards let users keep their personal **identification** numbers (PIN), passwords and

secret keys in a safe place - in the card's protected memory - rather...can contribute the other authentication factors needed to enable a truly secure card-access environment, acquire such **functionality** or develop it in-house. ComSense faces an uphill battle against a general feeling that smart cards...

...exposure to network security breaches, considering the range of banking, brokerage and other accounts accessible online. This **wireless** smart card could become a fast, cheap, easy way for average users to hang virtual padlocks on...only available with a robust directory service. RadiantOne is also flexible in data presentation. Depending on the **query** it receives, RadiantOne can render the data as XML-, LDAP- or SQL-formatted information when returned to...

... Out on the 'Net - Audrey Rasmussen With its eAssurance software, Peakstone creates a new product category, which it **calls** "Internet service assurance." The eAssurance software provides a comprehensive business approach to site-wide Internet service-quality management. Many load-balancing products even out the load of Web site **requests** across servers in the hope of providing better service to customers. But eAssurance lets e-businesses and...

...SLM) products, eAssurance doesn't rely on a component- or device-centric approach. Rather, it analyzes user **request** patterns of incoming Internet traffic and utilization of system resources. It then controls the loads for site...

...WebSystems, BEA Systems, Cisco, F5 Networks, Mercury Interactive and Top Layer Networks. Plus, it measures the site **performance** for applications and user groups, in real time and historically. It predicts site saturation points and pinpoints...

... danger of scanning. Hackers scan for new IP addresses on a daily and nightly basis. Once they **identify** new ones, they scan for port weaknesses. Most users aren't fluent in unbinding protocols such as...

... at the desktop and what it's attempting to do. This approach adds to overall virus and **malicious code** protection. The second is an attack from a "trusted insider." Personal firewalls can detect internal network scans... desktop firewalls made by Network Associates, Network Ice (one of Network World's 10 start-ups to **watch** in 2000), Sygate Technologies, Symantec and Zone Labs. Schwartau is the president of Interpact, a security awareness...

29/3,K/5 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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087686

**Antivirus vendors gear up for phones, PDAs**

Byline: James Niccolai

Journal: Network World

Publication Date: September 26, 2000

Word Count: 868 Line Count: 78

**Text:**

... first virus aimed at Palm computers, antivirus software vendors are scrambling to develop products that protect against **malicious code** aimed at PDAs, mobile phones and other **wireless** devices. </p> To be sure, the problem today is a small one, and industry analysts say it could be 12 months or more before PDAs and **cellphones** are hit with the kind of crippling viruses that have brought PC networks to their knees. Their...

... spread automatically from one device to the next, and most PDAs still don't make use of **wireless** connections, analysts said. </p> But with Palm and Microsoft hell-bent on expanding the **wireless** features in their platforms, and an expected explosion in data-enabled **cellphone** use on the

horizon, the possible emergence of a virus that is able to spread itself rapidly...

... to various industry analysts. </p> Antivirus vendors are pursuing several angles to protect phones and PDAs against **malicious code**. Their limited processing power and memory capacity compared to desktop PCs makes the challenge a tough one...

... come up with some creative solutions. </p> Late last month, Network Associates' McAfee division released McAfee VirusScan **Wireless**, a product designed primarily to guard corporate networks from viruses carried into work on a PDA by...

... line of defense for IS managers but doesn't protect users from downloading viruses directly to their **handheld** devices, either via the Web and e-mail, or through the infrared beaming feature on some PDAs...

... EPOC, the application is available now and measures about 60K bytes in size, a company official said. **Wireless** data services for phones are more advanced in Northern Europe than in the U.S., so it...

... a malicious program attempts to delete a file or open a network connection, for example, the software **blocks** the behavior and alerts the user. </p> Finjan is developing an antivirus product for Palm and Microsoft. **Pocket PC** devices that uses this method, although it doesn't expect to release it before year-end. Next month, however, it plans to release a kind of **interim** product that, like McAfee's, looks out for viruses while data is synchronized between a Palm computer...

... scanning for known viruses. </p> Trend Micro also advocates a server-based approach and is developing a **Wireless** Application Protocol gateway software that will scan files for **malicious code** before they are distributed to users. As unified messaging grows up, allowing users to access email, voice...

... virus writers will be equipped with more tools to do their work. </p> "It's possible to **prevent** these vulnerabilities, but if doing so interferes with what developers feel they need in terms of features...

29/3,K/6 (Item 3 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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087445

**Palm Trojan spurs antivirus vendors to action**

Byline: JAMES NICCOLAI

Journal: Network World Page Number: 68

Publication Date: September 25, 2000

Word Count: 843 Line Count: 78

**Text:**

With the emergence last month of the first **Trojan horse** aimed at Palm computers, antivirus software vendors are scrambling to develop products that protect against **malicious code** aimed at PDAs, mobile phones and other **wireless** devices. To be sure, the problem today is a small one, and industry analysts say it could be 12 months or more before PDAs and **cell phones** are hit with the kind of crippling viruses that brought PC networks to their knees. Their bare...

... that spread from one device to the next, and most PDAs still don't make use of **wireless** connections, analysts say. But with Palm and Microsoft hellbent on expanding the **wireless** features in their platforms, and an expected explosion in data-enabled **cell phone** use on the horizon, the possibility of a virus emerging that can spread rapidly between devices will...

... year, according to industry analysts. Antivirus vendors are pursuing several angles to protect phones and PDAs against **malicious code**. Their

limited processing power and memory capacity compared with desktop PCs make the challenge a tough one...

... to come up with some creative solutions. Late last month, Network Associates' McAfee division released McAfee VirusScan **Wireless**, a product designed primarily to guard corporate networks from viruses carried into work on PDAs by employees...

... of defense for IS managers, but it doesn't protect users from downloading viruses directly to their **handheld** devices, either via the Web, e-mail or the infrared beaming feature on some PDAs. Symantec says...

... Antivirus for Epoc, the application is available now and measures about 60K bytes, a company official says. **Wireless** data services for phones are more advanced in Northern Europe than in the U.S., so it...

... example, if a malicious program attempts to delete a file or open a network connection, the software **blocks** the **action** and alerts the user. Finjan is developing the antivirus product for Palm and Microsoft **Pocket PC** devices, although it doesn't expect to release it before year-end. Next month, however, Finjan plans to release an **interim** product that, like McAfee's, looks out for viruses while data is synchronized between a Palm computer...

... monitoring and scanning for known viruses. Trend Micro also advocates a server-based approach, and is developing **Wireless** Application Protocol gateway software that will scan files for **malicious code** before they are distributed to users. As unified messaging grows up, allowing users to access e-mail...

... example, virus writers will be equipped with more tools to do their work. "It's possible to **prevent** these vulnerabilities, but if doing so interferes with what developers feel they need in terms of features...

29/3,K/7 (Item 4 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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086710

#### Surfing the Tsunami

A large Southeastern university IS team fights off a massive distributed denial of-service attack and lives to tell about it.

Byline: By DDoS Survivor

Journal: Network World Page Number: 51

Publication Date: August 28, 2000

Word Count: 2101 Line Count: 182

#### Text:

...bogus packets threatened to overwhelm our network backbone. To save the network, we had to spring into **action**. The following account describes how we discovered the attack, **identified** the machines being used to perpetrate the attack, and what measures we put in place to **prevent** another attack. Approaching distributed denial-of-service dayIn the weeks before the attack, some strange outages had...

... the network card; a dime store NIC can really bog down the system. Remember that the primary **function** of this system is to grab data off the network and process it quickly. We chose Red...

... Linux applications:1 Snort, a packet/sniffer logger and lightweight intrusion-detection system.1 Iptraf, a network **monitoring** utility for IP networks.1 Tcpdump, a packet capture and dump program. A probe is useless unless it is located where it can see all traffic on the network segment being **monitored**. Our network is completely switched - each port receives only those packets destined for the machine connected to it. So how did we put the probe in the middle of all the **activity**? We took advantage of the port-mirroring feature on our Cisco Catalyst 6509 switches. Port mirroring lets...

... absolutely necessary. We use a passive tap - an optical probe or an Ethernet repeater - for long-term **monitoring**. We connected the probe to an unused port, set the port to mirror the traffic on the segment we wanted to **watch**, and we were in business. 1 p.m. As soon as we activated the probe, we fired...

... was in use, had equal byte and packet counts, and the counts were rapidly increasing as we **watched**. It didn't take a NASA meteorologist to figure out that the tidal wave was about to...

... was happening. 4:45 p.m. To dig deeper, we called on Snort, a free, open source **code** application written by Martin Roesch, director of Forensic Systems at Hiverworld in Berkeley, Calif. Snort is a...

... don't let the term "lightweight" throw you. This is serious software and is our intrusion-detection **code** of choice. Snort uses a flexible rules language that lets users describe what types of traffic should...

... immediately detected that we were being attacked. Unfortunately, this wasn't the case. The initial burst of **activity** that led to the isolation of the problem only lasted 20 minutes. By the time we had...

... about which hosts had been compromised. Snort came to our rescue. Using the software to replay network **activity** from a captured file, we determined that the rogue machines on our network were set in motion...

... local Unix machines involved in the attack. 4:45 p.m. The first step we took to **block** the bad boys was to put ingress/egress filters on our Internet router. Script kiddies that run...

... hold much hope for keeping them out for long, but we got lucky. As soon as the **blocks** went in, the attacks ended. We were still left with the daunting task of determining if there...

... more, as yet unknown, machines primed and ready to be used in another attack. We contacted the **interim** systems administrator of the machines that had been hacked (the department was between system administrators and had...

... permission to scan the network for infected machines. While our university security person was working with the **interim** systems administrator to scan the network segment for further infection, several of our network engineers were feverishly...

... and Internet2 feed. We knew the hackers would initiate another wave of bogus distributed denial-of-service **requests**, and this time we'd be ready. Noise, noise, noise. Our primary off-campus link is a Gigabit...

... the possibility of overloading the router by forcing it to duplicate packets during periods of intense network **activity**. 8:20 p.m. Our first discovery after activating the new probe was that the supplied rules... typically operate 30 levels deep, and because we sustained no lasting damage to our network we felt **tracking** them down was not worth the time and effort. Life is returning to normal. We feel safer with a round-the-clock intrusion-detection system **watching** our Internet feed, but we know that it's only a matter of time before another set...

29/3,K/8 (Item 5 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
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086277

Frontier Defense

Keep the Bad guys away from your remote outposts

Byline: STEVE JANSS

Journal: Network World Page Number: 42

Publication Date: August 07, 2000

Word Count: 3374

Line Count: 318

Text:

... a personal firewall include: Your mobile worker who plugs into a variety of networks while traveling. Their **laptop** may be protected against viruses, but the data is wide open. Your small, remote or branch office... product for you. Unfortunately, while BlackICE Defender blocks ports, it doesn't control applications. Thus, if a **Trojan horse** finds its way onto your system, the horse can use any open port to communicate with its...

... Windows NT.ZoneAlarm installs two services during installation - the TrueVector Basic Logging Client and the TrueVector Internet **Monitor**. Zone Lab's patented TrueVector technology **monitors** and controls all network activity - whether someone is logged on to the machine or not. All alerts ...

... activity are simple and give you two choices: allow the connection or refuse the connection. ZoneAlarm also **asks** you whether or not you want it to remember your choice. Alarms for known activity are merely...

... which hides all ports not in use by an authorized program by not responding to port status **requests** such as those encountered during port scans. The medium setting is best reserved for local use, which...be disabled via the security panel. ZoneAlarm's setup was simple, installing the logging client and Internet **monitor** without a reboot. Unlike most of the other products, ZoneAlarm uses an HTML-based help system stored...

... NetBIOS Datagram. Why is it important to block the MAC address? First, it's a globally unique **identifier**. When combined with other information, this lets hackers pin down a particular machine, even when IP addresses...

29/3,K/9 (Item 6 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

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085779

Your e-volution

The Internet economy has conjured up a world of career opportunities. Do you know how to grasp them?

Byline: BETH SCHULTZ

Journal: Network World Page Number: 55

Publication Date: July 17, 2000

Word Count: 1891 Line Count: 170

Text:

...for a multimillion-dollar budget, as vice president of IS at Point.com, an online retailer of **wireless** phones, service plans and accessories."So what," you say. "Point.com is just a little Internet start..."

... the Internet economy is affecting your company, and therefore, your career. The question you've got to **ask** yourself now is: "Will I be helped or hurt?" To answer, you need to understand what IT...the CEO slot - meaty stock options, a plentiful IT budget. But such job offers are often a **Trojan horse**. You'll be working long, hard hours for an immature company using an unproven business model chasing...

... unquestionable futures. Such a company would understand how to play in the New Economy, or at least **recognize** its importance and need you to get it there. A top executive slot is not the only...

29/3,K/10 (Item 7 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

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080417

In the way of open access

29/3,K/11 (Item 8 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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076689

#### Tracking software usage

**KeyServer** is tops among six software metering programs that tackle similar tasks in different ways.

Byline: JAMES GASKIN, NETWORK WORLD TEST ALLIANCE

Journal: Network World Page Number: 43

Publication Date: August 09, 1999

Word Count: 2888 Line Count: 274

#### Text:

... has matured to the point that metering accuracy is almost guaranteed. All the programs we looked at **track** every application users run on their computers, ensure there is a valid license for each program and...

... management. Some programs focus on the users, others on the applications. All six programs we tested can **block** server and local application usage. All have time-sensitive controls, so you can make games off-limits...

... NDS). Queues for applications are popular features, as are tricks to verify that licenses are held by **functioning**, nonlocked computers. Every metering program has some method of allowing VIP users to access applications even when...

... Express Software Manager 4.5 impressed us with its extensive report options and a huge library of **recognized** applications, but its client and server support isn't as strong as KeyServer's. A NetWare bias...

...CentaMeter 2.90a is more application-centered than the other products we tested; it ties nearly every **function** to applications rather than users. Easy installation, flexible management and a wide reach across the enterprise are...

... but AppMeter's reports are stronger. One of AppMeter's best features is that you can easily **monitor** and administer multiple servers across the network from a single console. Even more NT-centric than WRQ...

... User names can be typed in during installation, pulled from the Windows name in the system or **identified** through a system environment variable on each machine. As soon as the client software is installed and...

... select one of three levels of control for each program: ignore, log or control. The programs we **instructed** KeyServer to ignore, such as system files, were properly ignored from that point on. Logged programs are simply **tracked** and reported. Controlled programs have a bite taken from them and stored on KeyServer. Until KeyServer provides the key piece of **code**, the application won't start. Because applications are modified, you can copy and distribute them in their... the information to the Express Console quickly and without user intervention. Express includes a huge library of **recognized** applications in its Knowledge Base. Applying the Knowledge Base to the autodiscovered list of applications **identifies** just about every single program on each client. You can then detail unrecognized applications and add them...

... their internal applications flexibly, allocating licenses to entire suites or individual applications. A special VIP password can **temporarily** disable metering on files to allow critical users access to applications.

**Laptops** can check out a license, or you can give each **laptop** its own applications with proper licenses. WRQ's report selection is unmatched. When we started WRQ's Express Reports application, we found roughly 70 reports grouped by application, machines, users, suites and **activity**. Custom options depend on whether you're using an Access 97 database or Microsoft's

SQL Server...

... excellent job of hyperlinking every topic. All the positives - easy installation on NT, a huge library of **recognized** applications and excellent reports - are somewhat dimmed by the lack of directory integration. Though Active Directory is...

...for NetWare 3.X and ties neatly into NDS in NetWare 4.X and 5.X. Active **monitoring** files run as NetWare Loadable Modules on NetWare servers, and the package includes a snap-in for...

... that starts the NetWare server portions of SofTrack to the NetWare start-up batch file. Clients are **tracked** through their NDS **activity**, so use of server-based applications is **monitored** immediately. Local applications require a local program to run and report back to the server. A check...

... control files are bypassed, allowing nonmetered access to local applications. The manual says the program can't **track** DOS applications within a Windows DOS box, but SofTrack immediately caught our 3C5x9CFG.EXE network board configuration DOS program within a Windows 95 client. You can select applications to **monitor** from a list of programs discovered by the SofTrack servers, or you can type application **executable** files by hand. If your client applications are stored on local and network drives, you must add a client program to **track** local files and **monitor** them separately. Reports cover a variety of management details and are based on log files stored by...the network. For stations that can get to net servers without using a logon script, CentaMeter includes **instructions** for using system policies on Windows 95, 98 and NT machines. CentaMeter supports three types of metering: passive metering counts the applications used; restricted metering **blocks** access without a license; and LSAPI-enabled metering **monitors** application use and sends information to the license server. CentaMeter includes scores of predefined applications likely to...

... that starts automatically when you click the "Extended Report" option. For custom reports, you can build special **queries** and save them for reuse. No paper manual arrived, but the PDF manual is a joy. Hyperlinks...

... NetWare and NT servers, easily integrates NDS users and has a "stealth" metering mode that lets you **track** server-based applications without any software on the client. Our biggest gripes? The poor directions in the...

...Servers are managed individually from a single console, and most reports are server-centric. User details are **tracked** across servers, and the included Crystal Reports provides other server consolidation options. We had trouble finding client...

... license details, including host server, license name and a description typed during license setup; and real-time **monitoring** details, including the numbers of licenses, active users and users waiting. AppMeter lets you deem licenses permanent...

... with a special client application. These local applications aren't portable. The client must obtain the key **code** from the server for the application to run. AppMeter generates reports by filtering log files and offers...

... the program offers some nice touches. A Quick Start page on the console puts all the major **functions** one click away, including adding new products, configuring products, viewing licensed and unlicensed products, and linking to...

... suites and their internal applications. Three pull-down menus, labeled Configuration, Operations and Status, put even more **functions** a click away. Not only does Lan Licenser plug into SMS, but Microsoft licensed it to fold...